

Minutes
Asset Management Subcommittee
AASHTO Standing Committee on Planning
Tuesday, January 23, 2007
Washington, DC

Subcommittee Members in Attendance:

Kirk Steudle, Michigan DOT, Chair, Asset Management Subcommittee
Neil Pedersen, Maryland SHA, Vice-Chair, Asset Management Subcommittee
Stephen Gaj, FHWA, Acting Secretary, Asset Management Subcommittee
Janet Oakley, Acting AASHTO Liaison, Asset Management Subcommittee

Mel Adams, Vermont ADT
John Deatrick, D.C. DOT
Mark Stout, New Jersey DOT

Michael Bridges, Louisiana DOTD
Lacy Love, North Carolina DOT

Other Participants:

Jose Aldayuz, AASHTO
Jim Edgerton, Agile Assets
Linda Riggins, FHWA
Bill Robert, Cambridge Systematics
Francine Shaw-Whitson, FHWA
Thomas Van, FHWA

Nat Coley, FHWA
Sue McNeil, University of Delaware
Robert Ritter, FHWA
Nastaran Saadatmand, FHWA
Jeffrey H. Smith, Maryland DOT

The Asset Management Subcommittee of the AASHTO Standing Committee on Planning met on January 23, 2007. Attached is a copy of the meeting agenda as well as a list of Subcommittee members. Included below is a summary of the discussion which took place:

- Kirk Steudle welcomed the Subcommittee and guests.
- Steve Gaj reviewed the action items from the October 27, 2006 meeting that was held in Portland, Oregon.
- The Subcommittee reviewed and discussed accomplishments and priorities related to the focus areas in the Strategic Plan. These include:

Goal 1: Evaluate and promote innovative technology & management systems.
(Kirk Steudle)

- Progress on development of AASHTOWare AssetManager NT
- Completion of the Domestic Scan with the draft final report submitted to NCHRP for approval and edit before publication. A presentation pertaining to the Domestic Scan was made by Dr. Mike Meyer at a TRB Asset Management session.

Goal 2: Communicate and share information with member States. (Steve Gaj)

- The Transportation Asset Management Today (TAM Community of Practice) Website is continually being updated. Recommendations from the committee concerning changes/ upgrades to the Website are welcome. Please provide recommendations to Steve Gaj or Sue McNeil.
- The Asset Management Primer is being updated and is expected to be available in the Spring.
- FHWA Case Studies are being developed and will be available later this year on the following topics: Comprehensive Asset Management, Life Cycle Cost Analysis, HER-ST, Culvert Management, and Pavement Management.
- The final report on the FHWA study “Relationship Between Asset Management and Travel Demand: Findings and Recommendations from four State DOT Site Visits” has been completed and was distributed to the Subcommittee.
- The final report of the “Integrating Asset Management into the Metropolitan Planning Process: A Peer Exchange” is available on the TAM Community of Practice website.
- A proposal has been submitted to NCHRP to update the Asset Management Guide, FHWA has indicated that they will provide some funding support. This effort will be undertaken in recognition of the Asset Management activities that have taken place in State DOTs and will focus on implementation. The new Guide, possibly to be identified as Volume II, is to also include a self-assessment tool, similar to the one that has been well received by States as included in the Guide.

Goal 3: Assist member States in assessing and implementing Asset Management principles. (Neil Pedersen)

- It was agreed that efforts should continue to promote the application of Asset Management principles to MPO's that are typically not participating in the Asset Management process. A case study of North Carolina's program is being prepared.
- A Peer Exchange is planned to take place with the upcoming Subcommittee summer meeting: Application of Asset Management in Programming and Budgeting.
- It was recommended that a representative from the Subcommittee make a presentation at the upcoming AASHTO – AMPO National Summit on Future Transportation Funding and Finance Strategies: Implications for Planning, Public Policy, and Institutional Arrangements to be held in New Orleans, LA on April 11 – 13, 2007. Michael Bridges volunteered to take the lead on this.
- From an Asset Management perspective, there appears to be a need pertaining to performance measures for maintenance, including

pricing long-term leases for infrastructure and how to manage such agreements.

Goal 4: Develop and document understanding of Asset Management (Leonard Evans)

- There was not much discussion pertaining to this Goal, Leonard Evans was not able to attend. However, as stated above the draft final report of the Domestic Scan Review was submitted to NCHRP for approval and edit before publication.

Goal 5: Develop partnerships with public and private entities having an interest in and commitment to asset management. (Neil Pedersen)

- The Subcommittee is to continue to work with other organizations, including other Subcommittees of AASHTO. The Subcommittee met with the TRB Asset Management Committee on the afternoon of January 23rd, plans are to continue this practice in future.
- The Subcommittee will try to arrange a joint meeting with the Subcommittee on Maintenance in 2008 with an emphasis on the linkage between maintenance management systems and asset management systems. Kirk Steudle will talk to Carlos about a joint meeting.

Discussion Items:

- Janet Oakley spoke about the membership to this Subcommittee. Mr. Ahmad Jaber, Director of Planning and Programming, Utah Department of Transportation is a new member of the Subcommittee. There are two vacancies from the Standing Committee on Highways, one from the Mississippi Valley and one from NASTO. In addition, the Subcommittee would like an additional liaison member from the Standing Committee on Public Transportation. The issue of formally including designees in the committee membership was discussed, but also want to maintain high-level representatives and not have the committee evolve into designees.
- Kirk Steudle reported that the Executive Forum on Asset Management that was held in December was successful and thought-provoking with 15 States participating along with representatives from Alberta, Canada, Australia, Britain, and New Zealand. The challenge is to share the information with the States that did not participate.
- The peer exchange scheduled for the summer meeting will focus on "Applications of Asset Management in Programming and Budgeting". The focus of the Exchange is how to convince organizations that Asset Management is the tool for programming and budgeting. States and MPO's will be invited to talk about Asset Management and how they use it in their programs. The setup will be similar to the Peer Exchange that was undertaken last year. FHWA has the lead in organizing this event with Jeff Smith serving as the Subcommittee liaison.

- It was recommended that as research studies are undertaken, that there is a need to include other assets (in addition to pavements and bridges) such as drainage facilities, storm water management, and lighting in the Asset Management programs.
- Webinars – As discussed previously, FHWA plans to conduct webinars on Asset Management related topics on a quarterly basis. The typical format will be to have two States present their state-of-the-practice and experience on a particular topic. The webinars will be up to 2 hours long and can accommodate up to 150 participants at a time. Invitations to participate will be sent to the Subcommittee, State DOT Asset Management contacts, FHWA Division offices, and to AASHTO committees related to the selected topic of the webinar. Ms. Linda Riggins, FHWA will organize the sessions, with Steve Gaj and Leonard Evans, ODOT, having the coordination lead for topics and speakers. The initial invitation will identify topics planned for at least the first three webinars so that participants can plan ahead and get them into their schedules. Topics to be presented include the following: Findings of the Domestic Scanning Review on Asset Management; Basics of Asset Management; Performance-based Maintenance; Benchmarking Asset Management; Communicating results with Asset Stakeholders; Asset Management and Performance Measures; and Incorporation of Asset Preservation into an Asset Management Program.
- NCHRP Update. Jeff Smith provided an update of the projects that have been submitted and that are under consideration at this time. The projects were prioritized by the Subcommittee as follows:
 - 1. 2008-B-35, Update of the AASHTO Transportation Asset Management Guide
 - 2. 2008-B-30, Asset Management as a part of a performance based planning and management system.
 - 3. 2008-SP-01, Implementing enterprise wide Asset Management decision-making tools and linkage to other management systems
 - 4. 2008-SP-02, Quantifying the benefits of Asset Management
 - 5. 2008-F-01, Identifying and selecting criteria to optimize the allocation of resources across asset classes (within a mode)

Jeff Smith is to draft a letter to Bob Reilly for Kirk's signature listing the committee's research priorities.

- An exploratory meeting pertaining to the possible establishment of a National Asset Management Steering Committee will be held March 12, 2007 in Washington, D.C. Representatives from various sectors including public works, water/wastewater, and other organizations involved with infrastructure management have been invited. Participation is by invitation only. During the International Scan on Asset Management it was found that such organizations operate successfully in Australia and New Zealand.

- Jose Aldayuz provided information on the status of AssetManager. Phase I of the project is now underway, the participating agencies are DCDOT, KSDOT, NYDOT, PADOT, SDDOT, IDDOT, MIDOT, ORDOT, SCDOT, WSDOT. Each of the participating states will have a team to assist in implementing the software. The first Task Force meeting was held in Minneapolis, MN in November with the Task Force and Cambridge Systematics establishing a common understanding of the project's scope and deliverables. The next meeting of the task group will be June 18-20, 2007 in New York.
- Janet Oakley indicated that Gordon Proctor, formerly of Ohio DOT recommended that a manual pertaining to Asset Management be developed for CEOs. This is especially important, realizing that there are approximately 20 new CEOs in State DOTs. Janet will work with Gordon to develop a problem statement for approval to be submitted for funding consideration under NCHRP 20-24.
- Sue McNeil stated that an Asset Management Seminar for graduate students will be held on June 2 at Virginia Tech University.
- The TRB Asset Management Committee will be meeting to work on their Strategic Plan on April 12-13, 2007 in Washington, DC. John Deatrick and Lacy Love will participate and Jeff Smith will assist with the research portions.
- Kirk Steudle indicated that the date and location for the 7th National Conference on Asset Management has been announced, November 6-8, 2007 in New Orleans, Louisiana. The call for papers has been issued, this is an opportunity for the Subcommittee members or our staff to have input. Lacy Love from the Subcommittee is a Co-chair along with Francine Shaw-Whitson from FHWA. <http://trb.org/conferences/2007/Asset/Call.pdf>
- The location and date for the 2007 summer meeting is to be determined, with early August being suggested, possibly in a northeast location.

Action Items:

- The location and date for the 2007 summer meeting to be determined (Kirk Steudle and Neil Pedersen)
- The Subcommittee on Maintenance will be contacted about a joint meeting in the future. (Kirk Steudle)
- AMPO will be contacted about a possible discussion on the agenda for the annual meeting (Janet Oakley)
- Preparation of a submission to the 20-24 Committee (Janet Oakley / Gordon Proctor)
- FHWA will review the funding commitment to NCHRP Problem No. 20008-B-35 and provide information to Jeff Smith. (Steve Gaj). The letter that Jeff Smith is drafting to Bob Reilly will also note the amount of FHWA's contribution so that

AASHTO SCOR can take this into account when selecting projects for funding this March.

- The research problem statement regarding the incorporation of user perspectives into performance targets for pavements and bridges will be sent to the AASHTO Subcommittees for pavements and for bridges for their review, comment and endorsement. (Jeff Smith / Neil Pedersen)

Attachments (10)

Agenda

Membership roster

List of Research Projects

NAMS

Webinar Topics